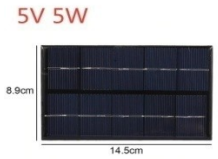
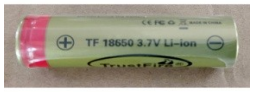
KKSI SOLARCELL SMK MUHAMMADIYAH WONOSOBO
DAFTAR KOMPONEN

Pekerjaan : Pembuatan Smart Lamp bertenaga Surya
Dana :
Total : -
Lokasi : Wonosobo
Tahun : 2021

NO	URAIAN	JUMLAH	SATUAN	GAMBAR
I	**Modul Sumber Energi:**			
	1. Solar Panel 5V/5WP (indoor)	2	unit	
	2. Lithium Charger untuk 5 Baterai 3,7V (indoor)	1	unit	
	3. Solar Panel 30WP (outdoor)	1	unit	
	4. Baterai Lithium 3,7V (indoor/outdoor)	10	bh	
	5. Step Down Buck Converter (outdoor)	1	bh	

NO	URAIAN	JUMLAH	SATUAN	GAMBAR
	6. Solar Charge Controller	1	bh	
II	**Modul Smart Controller**			
	1. Arduino UNO R3 Kit	1	set	
	2. NodeMCU Lua v.3 SP8266	3	unit	
	3. Arduino UNO R3	1	unit	
	4. Relay Dual Channel	3	unit	
III	**Beban**			
	1. Lampu Hemat Energy LED 9W (indoor)	1	bh	

NO	URAIAN	JUMLAH	SATUAN	GAMBAR
	2. Inverter 3V-220V	2	set	
	3. Piting Lampu	2	unit	
IV	**Peralatan:**			
	1. Soldering tools	1	set	
	2. Obeng set	1	set	
	3. BGA Pembersih timah	1	unit	
	4. Alat Pegangan Solder	1	unit	
	5. Pengkabelan	1	ls	